From: Marsh, Karen [Marsh.Karen@epa.gov]

Sent: 6/21/2019 3:57:36 PM

To: Garwood, Gerri [Garwood.Gerri@epa.gov]; Nash, Dave [Nash.Dave@epa.gov]; Ferguson, Gregory

[ferguson.gregory@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]

CC: Shappley, Ned [Shappley.Ned@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Dewees, Jason

[Dewees.Jason@epa.gov]

Subject: FW: INGAA Follow-up on CAPP Study

Attachments: IES_Memo_CAPP_2014_Report_061719.pdf; 2005 CAPP V7.pdf; 2014 CAPP.pdf; 2005 CAPP V3.pdf

Hi everyone.

As expected, INGAA has provided additional follow up from our discussion earlier this month on the 2014 CAPP Emission
Factor update study. The state in the attached that they spoke with David Picard with Clearstone to get clarification on
OEL monitoring and have made additional assumptions to estimate that annual monitoring achieves 70-75% control.

Ex. 5 Deliberative Process (DP)

Thanks! Karen Karen R. Marsh, PE US EPA, OAQPS, Sectors Policies and Programs Division Fuels and Incineration Group 109 TW Alexander Drive, Mail Code E143-05 Research Triangle Park, NC 27711 Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Sandra Snyder <Ssnyder@ingaa.org> Sent: Wednesday, June 19, 2019 4:13 PM To: Marsh, Karen <Marsh.Karen@epa.gov> Subject: INGAA Follow-up on CAPP Study

Karen,

By way of follow-up to our last call, our contractor, IES has reached out to Clearstone and prepared the attached memo addressing surveys of OELs. Please let me know if you think it would be helpful to schedule a call to discuss.

Regards,

Sandra Y. Snyder
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